CUMULATIVE INDEXES

VOLUMES 3-7

INDEX OF CONTRIBUTING AUTHORS

A

Abell, G. O., 3:1 Arpigny, C., 3:351

B

Batten, A. H., 5:25 Bok, B. J., 4:95 Boksenberg, A., 7:421 Bowen, I. S., 5:45 Brandt, J. C., 6:267 Brown, R. H., 6:13 Bullen, K. E., 7:177 Burbidge, E. M., 5:399 Burke, B. F., 3:275

C

Carr, T. D., 7:577
Caughlan, G. R., 5:525
Cayrel, R., 4:1
Cayrel de Strobel, G., 4:
1
Christy, R. F., 4:353
Clemence, G. M., 3:93
Cohen, M. H., 7:619
Contl, P. S., 7:99

I

Dressler, K., 4:207 Dyson, J. E., 3:47

E

Eggen, O. J., 3:235; 5:105 Evans, J. V., 7:201

P

Fazio, G. G., 5;481 Fichtel, C. E., 5;351 Field, G. B., 4:207 Findlay, J. W., 4:77 Ford, W. K., Jr., 6:1 Fowler, W. A., 5:525

G

Gardner, F. F., 4:245 Garstang, R. H., 6:449 Giacconi, R., 6:373 Ginzburg, V. L., 3:297; 7:375 Goldberg, L., 5:279 Goldreich, P., 6:287 Goody, R., 7:303 Gould, R. J., 6:195 Gulkis, S., 7:577 Gursky, H., 6:373

92

Hayashi, C., 4:171 Howard, R., 5:1 Huang, S.-S., 4:35

1

Iben, I., Jr., 5:571

3

Johnson, H. L., 4:193

K

Kahn, F. D., 3:47 Kellermann, K. I., 6:417 Kerr, F. J., 7:39

L

Layzer, D., 6:449 Lebovitz, N. R., 5:465 Ledoux, P., 4:293 Lin, C. C., 5:453 Lynds, B. T., 6:215

M

Mathews, W. G., 7:67 McDonald, F. B., 5:351 McGee, R. X., 5:183 Meyer, P., 7:1 Moffet, A. T., 4:145 Morrison, P., 5:325

N

Ness, N. F., 6:79 Neupert, W. M., 7:121 Newkirk, G., Jr., 5:213 Novikov, I. D., 5:627

C

O'Dell, C. R., 7:67 Oke, J. B., 3:23 Ollongren, A., 3:113 Opik, E. J., 7:473

D

Pauliny-Toth, I. I. K., 6: 417 Peale, S. J., 6:287 Pecker, J.-C., 3:135 Pettengill, G. H., 3:377 Pikel'ner, S. B., 6:165 Popper, D. M., 5:85

R

Renson, P., 4:293 Robinson, B. J., 5:183 Ryle, M., 6:249

8

Sawyer, C., 6:115 Schatzman, E., 5:67 Scheuer, P. A. G., 6:321 Schmidt, M., 7:527 Shapiro, I. I., 3:377 Smak, J. I., 4:19 Somerville, W. B., 4:207 Souffrin, P., 5:67 Spinrad, H., 7:249 Strittmatter, P. A., 7: 655 Strömgren, B., 4:433 Suess, H. E., 3:217 Sweet, P. A., 7:149 Swenson, G. W., Jr., 7: 153 Syrovatakii, S. I., 3:297; 7:375

T

ter Haar, D., 5:267

U

Underhill, A. B., 6:39

V

van de Hulst, H. C., 5:167 Van Regemorter, H., 3: 71 Van Speybroeck, L. P., 6: 373 Vasilevskis, S., 4:57 Vaughan, A. H., Jr., 5:139

CUMULATIVE INDEXES

VOLUMES 3-7

INDEX OF CONTRIBUTING AUTHORS

A

Abell, G. O., 3:1 Arpigny, C., 3:351

B

Batten, A. H., 5:25 Bok, B. J., 4:95 Boksenberg, A., 7:421 Bowen, I. S., 5:45 Brandt, J. C., 6:267 Brown, R. H., 6:13 Bullen, K. E., 7:177 Burbidge, E. M., 5:399 Burke, B. F., 3:275

C

Carr, T. D., 7:577
Caughlan, G. R., 5:525
Cayrel, R., 4:1
Cayrel de Strobel, G., 4:
1
Christy, R. F., 4:353
Clemence, G. M., 3:93
Cohen, M. H., 7:619
Contl, P. S., 7:99

I

Dressler, K., 4:207 Dyson, J. E., 3:47

E

Eggen, O. J., 3:235; 5:105 Evans, J. V., 7:201

P

Fazio, G. G., 5;481 Fichtel, C. E., 5;351 Field, G. B., 4:207 Findlay, J. W., 4:77 Ford, W. K., Jr., 6:1 Fowler, W. A., 5:525

G

Gardner, F. F., 4:245 Garstang, R. H., 6:449 Giacconi, R., 6:373 Ginzburg, V. L., 3:297; 7:375 Goldberg, L., 5:279 Goldreich, P., 6:287 Goody, R., 7:303 Gould, R. J., 6:195 Gulkis, S., 7:577 Gursky, H., 6:373

92

Hayashi, C., 4:171 Howard, R., 5:1 Huang, S.-S., 4:35

1

Iben, I., Jr., 5:571

3

Johnson, H. L., 4:193

K

Kahn, F. D., 3:47 Kellermann, K. I., 6:417 Kerr, F. J., 7:39

L

Layzer, D., 6:449 Lebovitz, N. R., 5:465 Ledoux, P., 4:293 Lin, C. C., 5:453 Lynds, B. T., 6:215

M

Mathews, W. G., 7:67 McDonald, F. B., 5:351 McGee, R. X., 5:183 Meyer, P., 7:1 Moffet, A. T., 4:145 Morrison, P., 5:325

N

Ness, N. F., 6:79 Neupert, W. M., 7:121 Newkirk, G., Jr., 5:213 Novikov, I. D., 5:627

C

O'Dell, C. R., 7:67 Oke, J. B., 3:23 Ollongren, A., 3:113 Opik, E. J., 7:473

D

Pauliny-Toth, I. I. K., 6: 417 Peale, S. J., 6:287 Pecker, J.-C., 3:135 Pettengill, G. H., 3:377 Pikel'ner, S. B., 6:165 Popper, D. M., 5:85

R

Renson, P., 4:293 Robinson, B. J., 5:183 Ryle, M., 6:249

8

Sawyer, C., 6:115 Schatzman, E., 5:67 Scheuer, P. A. G., 6:321 Schmidt, M., 7:527 Shapiro, I. I., 3:377 Smak, J. I., 4:19 Somerville, W. B., 4:207 Souffrin, P., 5:67 Spinrad, H., 7:249 Strittmatter, P. A., 7: 655 Strömgren, B., 4:433 Suess, H. E., 3:217 Sweet, P. A., 7:149 Swenson, G. W., Jr., 7: 153 Syrovatakii, S. I., 3:297; 7:375

T

ter Haar, D., 5:267

U

Underhill, A. B., 6:39

V

van de Hulst, H. C., 5:167 Van Regemorter, H., 3: 71 Van Speybroeck, L. P., 6: 373 Vasilevskis, S., 4:57 Vaughan, A. H., Jr., 5:139

W Wickramasinghe, N. C., 6: 215 V., 7:553 Williams, P. J. S., 6:

Wagoner, R. V., 7:553
Wallerstein, G., 7:99
Weidemann, V., 6:351
Wheeler, J. A., 4:393
Whiteoak, J. B., 4:245
Wing, R. F., 7:
249

Zeldovič, Ya. B., 5: 527 Zimmerman, B. A., 5: 525 Zwaan, C., 6:135

INDEX OF CHAPTER TITLES

VOLUMES 3-7

OBSERVATION AND INSTRUMENTATION		
Absolute Spectral Energy Distributions		
in Stars	J. B. Oke	3:23-46
Absolute Intensity Calibrations in		
Radio Astronomy	J. W. Findlay	4:77-94
Astronomical Measurements in the	and the same of the same	
Infrared	H. L. Johnson	4:193-206
The Polarization of Cosmic Radio	The second secon	
Waves	F. F. Gardner, J. B.	THE RESIDENCE
	Whiteoak	4:245-92
Spectral Classification Through Photo-		
electric Narrow-Band Photometry	B. Strömgren	4:433-72
Astronomical Optics	I. S. Bowen	5:45-66
Astronomical Fabry-Perot Interference		
Spectroscopy	A. H. Vaughan, Jr.	5:139-66
Electronic Image Intensification	W. K. Ford, Jr.	6:1-12
Measurement of Stellar Diameters	R. H. Brown	6:13-38
Observational Techniques in X-Ray		
Astronomy	R. Giacconi, H. Gursky,	
	L. P. Van Speybroeck	6:373-416
Synthetic-Aperture Radio Telescopes	G. W. Swenson, Jr.	7:353-74
Ultraviolet Astronomy	R. Wilson, A. Boksenberg	7:421-72
High-Resolution Observations of Radio		
Sources	M. H. Cohen	7:619-64
GALACTIC AND EXTRAGALACTIC ASTR		
Clustering of Galaxies	G. O. Abell	3:1-22
Theory of Stellar Orbits in the Galaxy	A. Ollongren	3:113-34
Radio Radiation from the Galactic		
Nuclear Region	B. F. Burke	3:275-96
Magellanic Clouds	B. J. Bok	4:95-144
The Structure of Radio Galaxies	A. T. Moffet	4:145-70
Observing the Galactic Magnetic		
Field	H. C. van de Hulst	5:167-82
Extrasolar X-Ray Sources	P. Morrison	5:325-50
Quasi-Stellar Objects	E. M. Burbidge	5:399-452
The Dynamics of Disk-Shaped		
Galaxies	C. C. Lin	5:453-64
Intergalactic Matter The Counts of Radio Sources	R. J. Gould	6:195-214
The promise of tempto positions	M. Ryle	6:249-66
Radio Spectra	P. A. G. Scheuer, P. J. S.	#.901 GA
	Williams	6:321-50

Variable Radio Sources	K. I. Kellermann, I. I. K.	
and the second second	Pauliny-Toth	6:417-48
Cosmic Rays in the Galaxy	P. Meyer	7:1-38
The Large-Scale Distribution of	C. Address of the Control of the Con	
Hydrogen in the Galaxy	F. J. Kerr	7:39-66
Quasistellar Objects	M. Schmidt	7:527-52
STELLAR ASTRONOMY		
Some Observational Aspects of Stellar	0.7.8	0.005.04
Evolution	O. J. Eggen	3:235-74
On the Interpretation of Statistics of	A # P-H	
Double Stars	A. H. Batten	5:25-44
Determination of Masses of Eclipsing	D M Down	C.OF 104
Binary Stars Masses of Visual Binary Stars	D. M. Popper O. J. Eggen	5:85-104 5:105-38
PHYSICS OF STARS AND THE INTERSTE		3:100-30
The Energy Balance and Dynamics of	LLAR MEDION	
the Interstellar Medium	F. D. Kahn, J. E. Dyson	3:47-70
Model Atmospheres	JC. Pecker	3:135-216
Abundance Determinations from Stellar	oc. recher	0.100-210
Spectra	R. Cayrel, G. Cayrel de	
opecia	Strobel	4:1-18
The Long-Period Variable Stars	J. I. Smak	4:19-34
Problems of Close Binary Systems	V . A. Dilled	4,40-01
That Involve Transfer of Angular		
Momentum	88. Huang	4:35-56
Evolution of Protostars	C. Hayashi	4:171-92
Magnetic Stars	P. Ledoux, P. Renson	4:293-352
Pulsation Theory	R. F. Christy	4:353-92
Superdense Stars	J. A. Wheeler	4:393-432
OH Molecules in the Interstellar		
Medium	B. J. Robinson, R. X. McGee	5:183-212
Stellar Evolution Within and Off the		
Main Sequence	I. Iben, Jr.	5:571-626
The Wolf-Rayet Stars	A. B. Underhill	6:39-78
Structure and Dynamics of the Inter-		
stellar Medium	S. B. Pikel'ner	6:165-94
Interstellar Dust	B. T. Lynds, N. C.	
	Wickramasinghe	6:215-48
White Dwarfs	V. Weidemann	6:351-72
Evolution of Diffuse Nebulae	W. G. Mathews, C. R. O'Dell	7:67-98
Lithium and Beryllium in Stars	G. Wallerstein, P. S. Conti	7:99-120
Infrared Spectra of Stars	H. Spinrad, R. F. Wing	7:249-302
Physics of Massive Objects	R. V. Wagoner	7:553-76
Stellar Rotation	P. A. Strittmatter	7:665-84
SOLAR PHYSICS		
Magnetic Field of the Sun	D. Wannand	5.1.04
(Observational)	R. Howard	5:1-24
Waves in the Solar Atmosphere	E. Schatzman, P. Souffrin	5:67-84
Structure of the Solar Corona	G. Newkirk, Jr.	5:213-66
Ultraviolet and X Rays from the Sun	L. Goldberg	5:279-324
Energetic Particles from the Sun	C. E. Fichtel, F. B. McDonald	5:351-98
Statistics of Solar Active Regions	C. Sawyer	6:115-34
The Structure of Sunspots	C. Zwaan	6:135-64
X Rays from the Sun	W. M. Neupert	7:121-48
Mechanisms of Solar Flares	P. A. Sweet	7:149-76
THE SOLAR SYSTEM	Z . A. Sweet	1,240-10
Chemical Evidence Bearing on the		
Origin of the Solar System	H. E. Suess	3:217-34
Spectra of Comets and Their Interpre-		
tation	C. Arpigny	3:351-76
Radar Astronomy	G. H. Pettengill, I. I. Shapiro	3:377-410
Observed Properties of the Inter-	vericipan, at at bankers	
planetary Plasma	N. F. Ness	6:79-114
The Physics of Comet Tails	J. C. Brandt	6:267-86
The Dynamics of Planetary Rotations	P. Goldreich, S. J. Peale	6:287-320
The Interiors of the Planets	K. E. Bullen	7:177-200

INDEX OF CHAPTER TITLES

Radar Studies of Planetary Surfaces	J. V. Evans	7:201-48
Motions of Planetary Atmospheres	R. Goody	7:303-52
The Moon's Surface	E. J. Opik	7:473-526
The Magnetosphere of Jupiter	T. D. Carr. S. Gulkis	7:577-618
COSMOLOGY AND COSMOGONY		
On the Origin of the Solar System	D. ter Haar	5:267-78
Rotating Fluid Masses	N. R. Lebovitz	5:485-80
Thermonuclear Reaction Rates	W. A. Fowler, G. R. Caughlan,	0,200.00
21102111011101010111 211111111111111111	B. A. Zimmerman	5:525-70
Cosmology	I. D. Novikov, Ya. B.	0,000
Commutagy	Zeldovič	5:627-48
ASTROMETRY	20200710	0,001-40
The System of Astronomical Constants	G. M. Clemence	3:93-112
The Accuracy of Trigonometric		
Parallaxes of Stars	S. Vasilevskis	4:57-76
PHYSICAL PROCESSES		****
	H. Van Regemorter	3:71-92
Cosmic Magnetobremsstrahlung	and the analysis of the	
(Synchrotron Radiation)	V. L. Ginzburg, S. I.	
(b) sions out on amountain)	Syrovatskii	3:297-350
Hydrogen Molecules in Astronomy	G. B. Field, W. B. Somerville,	0,201-000
	K. Dressler	4:207-44
Gamma Radiation from Celestial		
Objects	G. G. Fazio	5:481-524
Theoretical Atomic Transition		
Probabilites	D. Layzer, R. H. Garstang	6:449-94
Developments in the Theory of Synchrotron		
Radiation and Its Reabsorption	V. L. Ginzburg, S. I.	7.975 490

- 27	

